

For Research Use Only

DDX60 Recombinant antibody

Catalog Number: 82969-1-RR



Basic Information

Catalog Number: 82969-1-RR	GenBank Accession Number: BC038115	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 55601	CloneNo.: 230293C10
Source: Rabbit	UNIPROT ID: Q8IY21	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	
Immunogen Catalog Number: AG34406	Calculated MW: 1712 aa, 198 kDa	
	Observed MW: 170-200 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HEK-293 cells, U-87 MG cells, U-251 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human stomach tissue,
	IF/ICC : A431 cells,

Background Information

DDX60, also called FLJ20035, is an IFN-inducible gene that has been identified via a microarray analysis of genes induced by viral infection in human dendritic cells (DCs). DDX60 expression correlated strongly with immune checkpoint and immune system-related metagene clusters, and DDX60 promoted cell proliferation, migration, and invasion and was related to poor prognosis and immune resistance(PMID: 37274827). Involved in RIG-I-dependent and independent innate immune responses, DDX60 has been proven to be associated with the development of tumors.

Storage

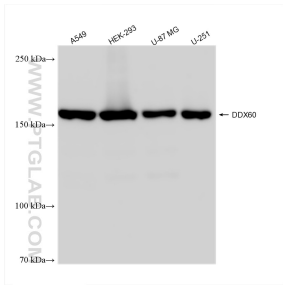
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

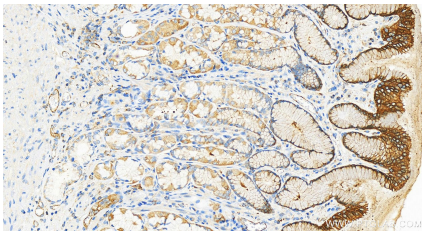
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

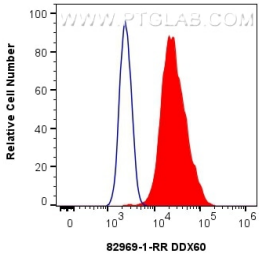
Selected Validation Data



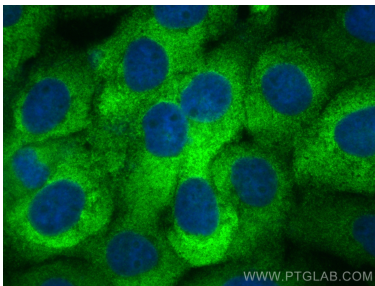
Various lysates were subjected to SDS PAGE followed by western blot with 82969-1-RR (DDX60 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



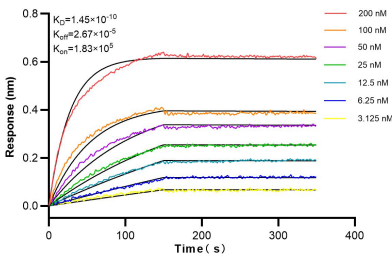
Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 82969-1-RR (DDX60 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ A431 cells were intracellularly stained with 0.2 ug DDX60 Recombinant antibody (82969-1-RR, Clone:230293C10) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using DDX60 antibody (82969-1-RR, Clone: 230293C10) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Biolayer interferometry (BLI) kinetic assays of 82969-1-RR against Human DDX60 were performed. The affinity constant is 0.145 nM.